

CSS Properties: An Introduction

This is not an exhaustive list of CSS properties, but it covers the ones with which we will work this semester.

CSS SYNTAX

- **The CSS syntax is made up of three parts: a selector, a property and a value:**
`selector {property:value;}`
- **If the value is multiple words, put quotes around the value:**
`p {font-family:"sans serif";}`
- **If you want to specify more than one property, you must separate each property with a semicolon.** The example below shows how to define a center aligned paragraph, with a red text color:
`p {text-align:center;
color:red;}`
- **End each style rule with a semi-colon.**

FONT AND TEXT PROPERTIES		
Property Name	Description	Possible Values
font-family	Specifies the font family for text	family-name (specify) or generic-family~ [serif, sans-serif, cursive, fantasy, monospace]
font-style	Specifies the font style for text	normal italic oblique
font-weight	Specifies the weight of a font	normal bold bolder lighter 100 200 300 400 500 600 700 800 900
font-size	Specifies the font size of text	absolute-size relative-size length percentage
font-variant	Specifies whether or not a text should be displayed in a small-caps font	normal small-caps
text-decoration	Specifies the decoration added to text	none underline overline line-through blink
text-transform	Controls the capitalization of text	none capitalize uppercase lowercase
text-align	Specifies the horizontal alignment of text	left right center justify
text-indent	Specifies the indentation of the first line in a text-block	length percentage
text-transform	Controls the capitalization of text	none capitalize lowercase uppercase inherit
letter-spacing	Increases or decreases the space between characters in a text	length normal inherit
word-spacing	Increases or decreases the space between words in a text	length normal inherit
line-height	Sets the line height	normal number length percentage

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BOX PROPERTIES		
Property Name	Description	Possible Values
margin	Sets all the margin properties in one declaration	length percentage auto
margin-top	Sets the top margin of an element	length percentage auto
margin-right	Sets the right margin of an element	length percentage auto
margin-bottom	Sets the bottom margin of an element	length percentage auto
margin-left	Sets the left margin of an element	length percentage auto
padding-top	Sets the top padding of an element	length percentage
padding-right	Sets the right padding of an element	length percentage
padding-bottom	Sets the bottom padding of an element	length percentage
padding-left	Sets the left padding of an element	length percentage
border-color	Sets the color of the four borders	color
border-style	Sets the style of the four borders	solid double groove ridge inset outset
border	Sets all the border properties in one declaration	border-width border-style color

CLASSIFICATION PROPERTIES		
Property Name	Description	Possible Values
Display	Specifies the type of box an element should generate	block inline list-item none
Whitespace	Specifies how white-space inside an element is handled	normal pre nowrap
List Style Type	Specifies the type of list-item marker	disc circle square decimal lower-roman upper-roman lower-alpha upper-alpha none
List Style Image	Specifies an image as the list-item marker	<url> none

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POSITION		
Property Name	Description	Possible Values
position	Specifies the type of positioning for an element	absolute relative
top	Sets the top margin edge for a positioned box	length percentage auto
left	Sets the left margin edge for a positioned box	length percentage auto
visibility	Specifies whether or not an element is visible	hidden visible inherit
z-index	Sets the stack order of an element	number auto
overflow	Specifies what happens if content overflows an element's box	visible hidden auto

COLOR AND BACKGROUND		
Property Name	Description	Possible Values
color	Sets the color of text	color
background-color	Sets the background color of an element	color transparent
background-image	Sets the background image for an element	url none
background-repeat	Sets how a background image will be repeated	repeat repeat-x repeat-y no-repeat
background-attachment	Sets whether a background image is fixed or scrolls with the rest of the page	scroll fixed
background-position	Sets the starting position of a background image	[percentage length]{1,2} [top center bottom] [left center right]